

# GRYPHON LED Cat V Luminaire

## Features

The Gryphon is a highly efficient road lighting luminaire designed to comply with AS/NZS1158.6 and is suited to use on Cat V roadways. With an efficacy of up to 170lm/W and featuring multiple lumen packages it can be used for existing and new road lighting projects. The Gryphon is also designed to be used in connected IoT lighting applications. Utilising open standards, Phoenix EMS have designed a cost effective fixture based solution to deliver energy savings with or without central gateways or servers and remain up to date with emerging technologies.



IP66



IK08



-20°C



50°C



Class I

## Typical Applications

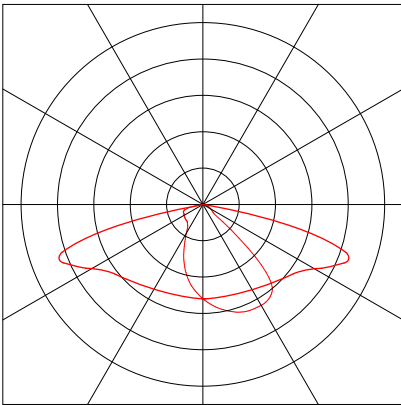


## Technical Specifications

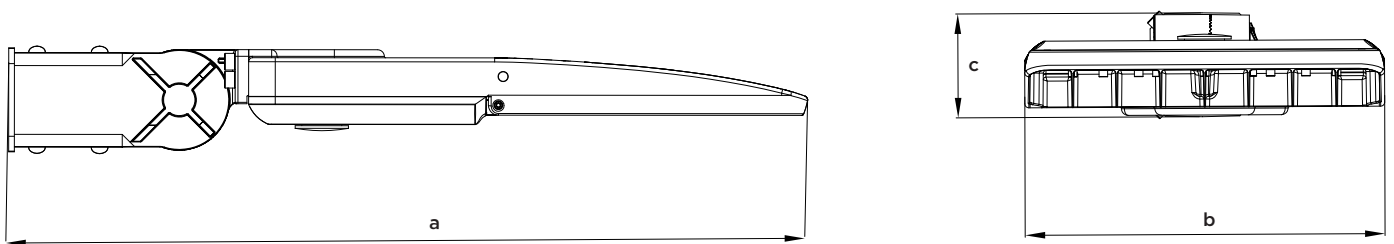
Operating Voltage	100-277V AC 50/60Hz or 415V AC 50/60Hz
Power Factor	≥0.95
EMC	AS/NZSCISPR15
Safety	AS/NZS60598.1, AS/NZS60598.2.1
Technical Standard	SA/SNZ TS 1158.6:2015
Dimming/Switching Options	Photocell, DALI, 0-10V
Smart Lighting Options	PLC (power line control), ZigBee, NB-IoT, LoRaWan, RS485
Enclosure	Pressure diecast low copper content powdercoated aluminium
Optical Cover	PMMA
Supply Connection	4mm terminal block
Installation	43 to 50mm OD pipe - side entry
Efficacy	up to 170lm/W
CCT	3000K, 4000K, 5000K, 6500K
CRI	Ra>70
LED / LED Life	Luxeon 5050 / L90/B50 >70000 Hours
Warranty	5 Years Standard, 10 Year optional extended warranty

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## Photometric Diagrams



## Dimensions



## Ordering Methodology

PLIGRY	XXX POWER	XX CRI/CCT	X DIMMING/SWITCHING CONTROL
	<b>075</b> (75W) <b>115</b> (115W) <b>145</b> (145W) <b>180</b> (180W) <b>200</b> (200W) <b>230</b> (230W)	<b>37</b> (3000K, 70 CRI) <b>47</b> (4000K, 70 CRI) <b>57</b> (5000K, 70 CRI) <b>67</b> (6500K, 70 CRI)	<b>Blank</b> (No Dimming) <b>A</b> (0-10V) <b>D</b> (DALI) <b>P</b> (Photocell)

MODEL No	POWER (W)	LUMINOUS FLUX (lm)	CCT (K)	DIMENSIONS (axbxc mm)	MASS (kg)
PLIGRY07557	75	12750	5000K	600 x 270 X 78	5.0
PLIGRY11557	115	18975	5000k	600 x 270 X 78	5.0
PLIGRY14557	145	23200	5000k	600 x 270 X 78	5.0
PLIGRY18057	180	30600	5000K	694 x 350 X 78	5.5
PLIGRY20057	200	33000	5000k	694 x 350 X 78	5.5
PLIGRY23057	230	36800	5000K	694 x 350 X 78	5.5

